

Customer No. 020991



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PATENT

Docket No. PD-980179A

2001

TECHNOLOGY CENTER 2800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Cellier, Alfred

Date: August 2, 2001

Serial No: 09/885,021

Group Art Unit: 3661

Filed: June 20, 2001

Examiner: Unknown

Title: OVERHEAD SYSTEM OF INCLINED ECCENTRIC  
GEOSYNCHRONOUS ORBITING SATELLITES

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed for consideration is the preliminary amendment and remarks  
for the above-identified continuing application filed June 20, 2001.

IN THE CLAIMS:

Claim 1. (Once Amended) A satellite system above a landmass  
comprising:

a service area on a surface of the earth having a predetermined  
minimum elevation angle from the horizon;

a satellite having an eccentric, substantially 24-hour period  
geosynchronous orbit with respect to the earth and having a sky track when viewed  
from within said service area, said orbit being inclined relative to an equatorial plane  
of the earth; and

an operating arc defined by a subset of points on said sky track  
over said service area, said satellite operating on said operating arc.